Number	Stamp (09/23
US-PGPUB; 17:13 EPO; JPO; DERWENT;	•
- 17 tucker and heterodyne USPAT; 2003/US-PGPUB; 17:12	09/23
DERWENT; IBM_TDB USPAT; US-PGPUB; 17:54	09/23
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- 3 ("4856899" "5365335" "6256103").PN. USPAT 2003/	09/23
	09/23
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- 17 5365335.URPN. USPAT 2003/17:22	09/23
- 17 5365335.URPN. USPAT 2003/17:22	09/23
- 2 ("4856899" "5365335").PN. USPAT 2003/17:25	09/23
- 2 6259529.URPN. USPAT 2003/17:26	09/23
"6160626").PN. 17:29	
17:29	
"5202745" "5268741" "5477369" 17:35 "5631760" "5663793").PN.	
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- 146 (sorin near3 wayne).in. USPAT; 2003/US-PGPUB; 18:03 EPO; JPO; DERWENT; IBM TDB	09/23
- 8 ("5003626" "5060312" "5093563" USPĀT 2003/ "5202745" "5268741" "5477369" 17:55	09/23
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18:16 - 3 4868897.URPN. USPAT 2003/ 18:16	09/23
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-	6	5422752.URPN.	USPAT	2003/09/23
_	3	("3971930" "4506388" "4718120").PN.	USPAT	2003/09/23 18:53
_	7	5003626.URPN.	USPAT	2003/09/23
-	1	"4829598".PN.	USPAT	2003/09/23
_	4	5023946.URPN.	USPAT	2003/09/23
_	3	("4710914" "4841519" "4989201").PN.	USPAT	2003/09/23
-	8	5408349.URPN.	USPAT	2003/09/23
-	11	("4612645" "5008958" "5023949" "5091912" "5329394" "5388088" "5408349" "5424861" "5497390" "5508839" "5517589").PN.	USPAT	2003/09/24
_	9	5742418.URPN.	USPAT	2003/09/24
-	3	("3986020" "4571024" "4792999").PN.	USPAT	2003/09/24
-	13	4841519.URPN.	USPAT	2003/09/24
_	4	("4215936" "4841519" "5204640" "5287073").PN.	USPAT	2003/09/24
-	1	5543953.URPN.	USPAT	2003/09/24 10:35
-	12	("4307294" "4565444" "5058977" "5283845" "5357097" "5410404" "5432609" "5543953" "5608572" "5706301" "5838437" "6085073").PN.	USPAT	2003/09/24
-	0	6559943.URPN.	USPAT	2003/09/24 10:37
-	24	("4806012" "4848999" "4892388" "4923273" "4996419" "5062684" "5073004" "5212745" "5212746" "5227857" "5289552" "5361130" "5375181" "5380995" "5397891" "5401956" "5410404" "5422970" "5426297" "5509093" "5513913" "5563973" "5591965" "5682237").PN.	USPAT	2003/09/24
_	17	5838437.URPN.	USPAT	2003/09/24
_	2	("4947398" "5838437").PN.	USPAT	2003/09/24
_	0	6546028.URPN.	USPAT	2003/09/24
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	5	("5550818" "5798855" "5838437" "5859717" "6262822").PN. 6407376.URPN.	USPAT	2003/09/24 10:45 2003/09/24
_	1	6407376.URPN.	USPAT	2003/09/24 10:45 2003/09/24
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_	3	("3614649" "4042891" "4336505").PN.	USPAT	10:49
_	7	5204640.URPN.	USPAT	10:58
_	7	("4798467" "4817101" "4903341"	USPAT	10:59
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-	8	5687261.URPN.	USPAT	2003/09/24 11:05
_	1	"4635246".PN.	USPAT	2003/09/24 11:07

-	20	5379309.URI	PN.			USPAT	2003/09/24
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		"5422883"	"5440415"	•			
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		"5515196"	"5521906"	•			
		"5546414"	"5553087"	•			
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		"5589970"	"5596436"				
		"5644665"	"5680234"	•			
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		"5715076"	"5717708"	•			
		"5726784"	"5739935"				
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i		"5862165"	5864413"	•			
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	-		"6169626"	"6201638")	.FN.	Habbe	2002/00/24
-	1	6407846.UR	ZIN.			USPAT	2003/09/24
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-	156	("4262362" "4301543" "4625333"	USPAT	2003/09/24
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_	19	("3909114" "3923373" "4143941"	USPAT	2003/09/24
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	1	"4172630" "4175827" "4182544"		
	1	"4182935" "4208094" "4212513"		
	1	"4243297" "4253728" "4274706"		
	1	"4283113" "4294508" "4335933"		
	1	"4343532").PN.		
1 -	18	4571024.URPN.	USPAT	2003/09/24
	1			15:31
1_	8	("3953727" "4474424" "4831663"	IIGDAM	
-	8	· · · · · · · · · · · · · · · · · · ·	USPAT	2003/09/24
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	1	"4942568" "4945531").PN.		1
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-	2	("4841519" "4947398").PN.	USPAT	2003/09/24 15:36
-	6	5285059.URPN.	USPAT	2003/09/24
-	5	("4841519" "4882775" "4903342" "4933929" "5010587").PN.	USPAT	2003/09/24 15:37
-	7	5191457.URPN.	USPAT	2003/09/24
-	5	("5305134" "5418869" "5696859" "5781572" "6134253").PN.	USPAT	2003/09/24
_	1	6295147.URPN.	USPAT	2003/09/24
-	5	("5239400" "5552919" "5594577" "5654814" "5774243").PN.	USPAT	2003/09/24
-	3	6188499.URPN.	USPAT	2003/09/24 17:02
-	5	("5315425" "5469288" "5491577" "5552919" "5594577").PN.	USPAT	2003/09/24 17:03
_	4	5774243.URPN.	USPAT	2003/09/24 17:03
_	7	("5239400" "5365361" "5408349" "5504608" "5594577" "5596436" "5654814").PN.	USPAT	2003/09/24 17:08
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_	3	("4243882" "4813756" "4824205").PN.	USPAT	2003/09/25 15:30
-	13	5504608.URPN.	USPAT	2003/09/25
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-	1	5491577.URPN.	USPAT	2003/09/25 15:37
_	3	("4489413" "4685099" "5077731").PN.	USPAT	2003/09/25
-	3	5315425.URPN.	USPAT	2003/09/25 15:39
_	2	("5307197" "5315425").PN.	USPAT	2003/09/25 15:39
-	1	5459599.URPN.	USPAT	2003/09/25 15:40
-	2	("5018130" "5483370").PN.	USPAT	2003/09/25 15:42
-	8	5552919.URPN.	USPAT	2003/09/25 15:42
-	5	("5379318" "5390043" "5552919" "5594577" "5654814").PN.	USPAT	2003/09/25 15:44
-	1	6101014.URPN.	USPAT	2003/09/25 15:44
-	2	("4777664" "4893352").PN.	USPAT	2003/09/25 15:46
-	3	5390043.URPN.	USPAT	2003/09/25 15:46
-	7	("4914665" "4995028" "5581572" "5715265" "5828681" "5838714" "5894492").PN.	USPAT	2003/09/25 15:53
-	10	6091744.URPN.	USPAT	2003/09/25
-	4	("5369515" "5724166" "5739934" "6204959").PN.	USPAT	2003/09/25
-	0	6597480.URPN.	USPAT	2003/09/25 16:56
-	5	("5644423" "5818629" "5828486" "5870217" "5933262").PN.	USPAT	2003/09/25 16:57
_	2	6204959.URPN.	USPAT	2003/09/25 16:57
-	1	"5610913".PN.	USPAT	2003/09/25 17:01
_	9	5739934.URPN.	USPAT	2003/09/25 17:01
		<u> </u>	*	•

_	7702	(intermediate nearl frequenc\$3)) and (wdm ((wavelength frequency) near3	USPAT; US-PGPUB; EPO; JPO;	2003/09/25 17:15
		multiplex\$4)) and (filter tuner tunable passband bandpass (pass nearl band))	DERWENT; IBM TDB	
_	643	(heterodyne) and (wdm ((wavelength frequency) near3 multiplex\$4)) and (filter tuner tunable passband bandpass	USPĀT; US-PGPUB; EPO; JPO;	2003/09/25 17:17
-	329	<pre>(pass near1 band)) ((heterodyne coherent (oscillat\$3) (intermediate near1 frequenc\$3)) and (wdm</pre>	DERWENT; IBM_TDB USPAT; US-PGPUB;	2003/09/25 17:19
		<pre>((wavelength frequency) near3 multiplex\$4)) and (filter tuner tunable passband bandpass (pass near1 band))) and</pre>	EPO; JPO; DERWENT; IBM_TDB	17.13
-	6	(swept sweep\$3) and track\$3 3626426.URPN.	USPAT	2003/09/25
-	58	<pre>frequency) near3 multiplex\$4)) and (filter tuner tunable passband bandpass (pass near1 band))) and (swept sweep\$3)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/09/25 17:25
_	6	and track\$3 ("4257104" "4607215" "4611164"	IBM_TDB USPAT	2003/09/25
_	7	"4801873" "4839582" "4868785").PN.	USPAT	17:32 2003/09/25
-	5	("5434954" "5519820" "5579463" "5617523" "5869959").PN.	USPAT	17:32 2003/09/25 17:33
_	0	·	USPAT	2003/09/25
_	7	("4257104" "4607215" "4611164" "4801873" "4839582" "4868785" "5434954").PN.	USPAT	17:33 2003/09/25 17:35
-	4	("4306186" "4578638" "4611164" "4649496").PN.	USPAT	2003/09/25 17:42
-	15	4839582.URPN.	USPAT	2003/09/25 17:42
-	910	track\$3 with (local\$2 adj oscillat\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/09/26 17:16
_	62	track\$3 adj (local\$2 adj oscillat\$3)	IBM_TDB USPAT; US-PGPUB;	2003/09/26 15:26
			EPO; JPO; DERWENT;	15:26
_	57	track\$3 with (local\$2 adj oscillat\$3) with (swept sweep\$3)	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/09/26 15:48
_	39	(track\$3 with (local\$2 adj oscillat\$3))	DERWENT; IBM_TDB USPAT;	2003/09/26
		and (wdm fdm)	US-PGPUB; EPO; JPO; DERWENT;	15:49
-	4	 ("5373383" "5424863" "5526158" "5532857").PN.	IBM_TDB USPAT	2003/09/26
-	4	6115162.URPN.	USPAT	16:14 2003/09/26 16:14
-	4	("4719636" "4806873" "4829527" "4829535").PN.	USPAT	2003/09/26 16:18
-	7	4916705.URPN.	USPAT	2003/09/26
-	1735	(preselect\$3 pre-select\$3) with (tunable tuning tune\$1)	USPAT; US-PGPUB;	2003/09/26 17:33
			EPO; JPO; DERWENT; IBM_TDB	

-	339	tuning tune\$1)) and (local\$2 adj	USPAT; US-PGPUB;	2003/09/27 14:18
		oscillator\$3)	EPO; JPO; DERWENT;	
	141	///puggalagte2 pug galagte2)th	IBM_TDB	2002/00/27
_	141	(tunable tuning tune\$1)) and (local\$2 adj	USPAT; US-PGPUB;	2003/09/27 13:58
		oscillator\$3)) and track\$3	EPO; JPO; DERWENT;	
			IBM_TDB	
_	3	("4965853" "5781851" "5943370").PN.	USPAT	2003/09/26
-	1	6208850.URPN.	USPAT	2003/09/26
_	2	("5027431" "5263187").PN.	USPAT	2003/09/27
-	2	5781851.URPN.	USPAT	2003/09/27
_	3	("4965853" "5781851" "5943370").PN.	USPAT	2003/09/27 13:20
-	1	6208850.URPN.	USPAT	2003/09/27
_	106	1 ' ' - ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	USPAT;	2003/09/27
		tuning tune\$1)) and ((oscillator\$3 near3 modulat\$3) dither\$3)	US-PGPUB; EPO; JPO;	14:18
			DERWENT; IBM_TDB	
_	24	((preselect\$3 pre-select\$3) with (tunable tuning tune\$1)) and ((oscillator\$3 near3	USPAT; US-PGPUB;	2003/09/27 14:18
:		(phase near1 modulat\$3)) dither\$3)	EPO; JPO; DERWENT;	
		(2	IBM_TDB	0000/00/07
-	411	(local\$2 adj oscillator\$3) with (phase near1 modulat\$4)	USPAT; US-PGPUB;	2003/09/27 15:06
			EPO; JPO; DERWENT;	
_	36	((local\$2 adj oscillator\$3) with (phase	IBM_TDB USPAT;	2003/09/27
		near1 modulat\$4)) and (preselect\$3 pre-select\$3)	US-PGPUB; EPO; JPO;	15:06
		F25 551555757	DERWENT; IBM TDB	
-	7	1	USPAT	2003/09/27
		"4458207" "4525868" "4531148" "4598426").PN.		15:15
-	9		USPAT	2003/09/27 15:15
-	913	(phase near1 modulat\$3) same (local adj oscillator)	USPAT; US-PGPUB;	2003/10/01 13:28
			EPO; JPO; DERWENT;	
	15	//nhase near1 modulate2) game /legal add	IBM_TDB	2002/10/01
_	15	((phase near1 modulat\$3) same (local adjoscillator)) and (preselector	USPAT; US-PGPUB;	2003/10/01 12:57
		pre-selector)	EPO; JPO; DERWENT;	
_	69	((phase nearl modulat\$3) same (local adj	IBM_TDB USPAT;	2003/10/01
		oscillator)) and ((identify\$3 determin\$3) with (local adj oscillator))	US-PGPUB; EPO; JPO;	12:58
		with (local ad) Oscillator))	DERWENT;	
_	1789	(phase nearl modulat\$3) with (identify\$3	IBM_TDB USPAT;	2003/10/01
		determin\$3)	US-PGPUB; EPO; JPO;	13:29
			DERWENT; IBM_TDB	
-	6	<pre>(phase near1 modulat\$3) with (identify\$3 determin\$3) with (local adj oscillator)</pre>	USPAT; US-PGPUB;	2003/10/01 14:07
		100 (100al da) 000111at01/	EPO; JPO;	
			DERWENT; IBM TDB	

_	2 ("5589970").PN.	USPAT; 2003/10/01
		US-PGPUB; 14:08
		EPO; JPO;
		DERWENT;
		IBM TDB